

INVENTORSHIP DECLARATION BY JOINT INVENTORS

I HEREBY DECLARE THAT:

My residence, mailing address, and citizenship are stated next to my name in PART A hereof.

I believe I am the original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

METHODS AND SYSTEMS FOR PROCESSING MICROFEATURE WORKPIECES:
METHODS FOR CONDITIONING ALD REACTION CHAMBERS

the specification of which:

- ☒ is attached hereto.
- ☐ was filed on _____ as Application Serial No. _____ and was amended on _____ (if applicable).

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 CFR §1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim priority benefits under 35 USC §119(a)-(d) or (f), §172, or §365(a)-(b) of any foreign or international application(s) for patent or inventor's certificate listed in PART B hereof and have also identified in PART B hereof any such foreign or international application having a filing date before that of the application of which priority is claimed.

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. I understand that the execution of this document does not in itself establish an attorney-client relationship between the undersigned and Perkins Coie LLP, or any of its attorneys.

See pages 2-3 attached, signed, and made a part hereof.

INVENTORSHIP DECLARATION BY JOINT INVENTORS

PART A: INVENTOR INFORMATION AND SIGNATURE

Full name of FIRST inventor: Kevin L. Beaman

Citizenship: USA

Mailing Address: 4402 Redhawk Ave.
Boise, Idaho 83716

Residence (if different): _____

Inventor's Signature: Kevin L. Beaman Date: 6-12-03

Full name of SECOND inventor: Ronald A. Weimer

Citizenship: USA

Mailing Address: 1696 E. Victory Rd.
Boise, Idaho 83706

Residence (if different): _____

Inventor's Signature: Ronald A. Weimer Date: 11 June 2003

Full name of THIRD inventor: Lyle D. Breiner

Citizenship: USA

Mailing Address: 3050 Val Vista Court
Meridian, Idaho 83642

Residence (if different): _____

Inventor's Signature: Lyle D. Breiner Date: 06/11/2003

Full name of FOURTH inventor: Er-Xuan Ping

Citizenship: USA

Mailing Address: 2239 E. Chateau Dr.
Meridian, Idaho 83642

Residence (if different): _____

Inventor's Signature: Er-Xuan Ping Date: 06/24/2003

INVENTORSHIP DECLARATION BY JOINT INVENTORS**PART A: INVENTOR INFORMATION AND SIGNATURE**Full name of FIFTH inventor: Trung T. DoanCitizenship: USAMailing Address: 1574 Shenandoah Drive
Boise, Idaho 83712

Residence (if different): _____

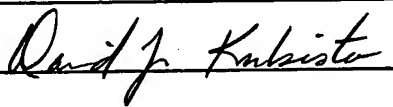
Inventor's Signature: _____ Date: _____

Full name of SIXTH inventor: Cem BasceriCitizenship: TurkeyMailing Address: 314 E. Iowa Dr.
Boise, Idaho 83706

Residence (if different): _____

Inventor's Signature:  Date: 6-11-03Full name of SEVENTH inventor: David J. KubistaCitizenship: USAMailing Address: 13389 Skyview St.
Nampa, Idaho 83686

Residence (if different): _____

Inventor's Signature:  Date: 6/11/03Full name of EIGHTH inventor: Lingyi A. ZhengCitizenship: USAMailing Address: 2535 E. Red Cedar Lane, #202
Boise, Idaho 83716

Residence (if different): _____

Inventor's Signature:  Date: 06/11/2003

INVENTORSHIP DECLARATION BY JOINT INVENTORS

**PART B: CLAIM TO PRIORITY OF FOREIGN APPLICATION(S) UNDER 35 U.S.C. § 119(a)-(d)
or (f), § 172, or § 365(a)-(b)**

<u>Country</u>	<u>App. No.</u>	<u>Filing Date</u>	<u>Priority Not Claimed</u>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

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Citizenship: USA Mailing Address: 4402 Redhawk Ave.
Boise, Idaho 83716

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of SECOND inventor: Ronald A. Weimer

Citizenship: USA Mailing Address: 1696 E. Victory Rd.
Boise, Idaho 83706

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of THIRD inventor: Lyle D. Breiner

Citizenship: USA Mailing Address: 3050 Val Vista Court
Meridian, Idaho 83642

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of FOURTH inventor: Er-Xuan Ping


Citizenship: USA Mailing Address: 2239 E. Chateau Dr.
Meridian, Idaho 83642

Residence (if different): _____

Inventor's Signature: _____ Date: _____

INVENTORSHIP DECLARATION BY JOINT INVENTORS**PART A: INVENTOR INFORMATION AND SIGNATURE**Full name of FIFTH inventor: Trung T. DoanCitizenship: USA Mailing Address: 1106 Teakwood Trail
Pflugerville, Texas 78660-2854

Residence (if different): _____

Inventor's Signature:  Date: _____Full name of SIXTH inventor: Cem BasceriCitizenship: Turkey Mailing Address: 314 E. Iowa Dr.
Boise, Idaho 83706

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of SEVENTH inventor: David J. KubistaCitizenship: USA Mailing Address: 13389 Skyview St.
Nampa, Idaho 83686

Residence (if different): _____

Inventor's Signature: _____ Date: _____

Full name of EIGHTH inventor: Lingyi A. ZhengCitizenship: USA Mailing Address: 2535 E. Red Cedar Lane, #202
Boise, Idaho 83716

Residence (if different): _____

Inventor's Signature: _____ Date: _____

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or (f), § 172, or § 365(a)-(b)**

<u>Country</u>	<u>App. No.</u>	<u>Filing Date</u>	<u>Priority Not Claimed</u>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Kevin L. Beaman *et al.*
FILED: Concurrently Herewith
FOR: **METHODS AND APPARATUS FOR
PROCESSING MICROFEATURE
WORKPIECES; METHODS FOR
CONDITIONING ALD REACTION
CHAMBERS**

Power of Attorney by Assignee and Certification
Under 37 C.F.R. § 3.73(b)

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-identified patent application, by virtue of an Assignment filed concurrently herewith, appoint the attorneys and agents listed below to prosecute this application and transact all business with the U.S. Patent and Trademark Office in connection therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 C.F.R. § 3.71.

All prior powers of attorney for this application are hereby revoked. The Assignee hereby appoints

STEPHEN E. ARNETT, Registration No. 47,392
RODGER K. CARREYN, Registration No. 50,774
BRIAN R. COLEMAN, Registration No. 39,145
CHRISTOPHER DALEY-WATSON, Registration No. 34,807
PETER J. DEHLINGER, Registration No. 28,006
DAVID BOGART DORT, Registration No. 50,213
DAVID T. DUTCHER, Registration No. 51,638
LEEANN GORTHEY, Registration No. 37,337

JOSEPH HAMILTON, Registration No. 51,770
PAUL L. HICKMAN, Registration No. 28,516
EDWARD S. HOTCHKISS, Registration No. 33,904
STEVEN KELLEY, Registration No. 43,449
JONATHAN P. KUDLA, Registration No. 47,724
STEVEN D. LAWRENZ, Registration No. 37,376
JACQUELINE F. MAHONEY, Registration No. 48,390
SHAILESH MEHRA, Registration No. 44,934
JUDY M. MOHR, Registration No. 38,563
CHUN M. NG, Registration No. 36,878
NGUYEN H. NGUYEN, Registration No. 43,834
REBEKKA C. NOLL, Registration No. 46,962
KENNETH H. OHRINER, Registration No. 31,646
PAUL T. PARKER, Registration No. 38,264
MAURICE J. PIRIO, Registration No. 33,273
TIM R. SEELEY, Registration No. 53,575
LAUREN SLIGER, Registration No. 51,086
LARRY W. THROWER, Registration No. 47,994
GLENN E. VON TERSCH, Registration No. 41,364
JOHN M. WECHKIN, Registration No. 42,216
JAMES A.D. WHITE, Registration No. 43,985
MICHAEL J. WISE, Registration No. 34,047
ROBERT G. WOOLSTON, Registration No. 37,263
JAMES J. ZHU, Registration No. 52,396
all affiliated with Perkins Coie LLP; and

MICHAEL L. LYNCH, Reg. No. 30,871
CHARLES B. BRANTLEY, II, Reg. No. 38,086
RUSS SLIFER, Reg. No. 39,838
all affiliated with Micron Technology, Inc.

Direct all telephone calls to Edward S. Hotchkiss at (206) 264-3848. Address all correspondence to:

Customer No. 25096
Perkins Coie LLP
P.O. Box 1247
Seattle, Washington 98111-1247
(206) 583-8888

In accordance with 37 C.F.R. § 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the Assignment noted above.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC § 1001 and that such willful false statements may jeopardize the validity of this application or any patent resulting therefrom.

ASSIGNEE: MICRON TECHNOLOGY, INC.

Signature: 

Typed Name: Michael L. Lynch

Title: Chief Patent Counsel

Date: 8-20-03

Address: 8000 South Federal Way

P.O. Box 6

Boise, Idaho 83706-9632